

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satyendra Yadav Art Unit: 2135

Serial No.: 10/066,070 Examiner: Leynna A. Ha

Filed : February 1, 2002 Assignee : Intel Corporation

Title : APPLICATION-SPECIFIC NETWORK INTRUSION DETECTION

## MAIL STOP RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants call attention to the attached Information
Disclosure Statement and documents listed on form PTO-1449.

This filing is being made with a Request for Continued Examination. No fee is required.

The documents are in the English language; hence no concise explanation is necessary per Rule 98(a)(3).

Consideration of the foregoing and enclosures plus the return of a copy of the enclosed form PTO-1449 with the

## CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 13, 2006

Date of Deposit

Signature

Jennifer H. Payne

Typed or Printed Name of Person Signing Certificate

Examiner's initials in the left column per MPEP 609 are earnestly solicited along with an early action on the merits.

Please apply any additional charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: April 13, 2006

William E. Hunter

Reg. No. 47,671

Attorney for Intel Corporation

Fish & Richardson P.C. USPTO Customer No. 20985 12390 El Camino Real San Diego, CA 92130

Telephone: (858) 678-5070 Facsimile: (858) 678-5099

10616257.doc

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce<br>Patent and Traffer fank Office | Attorney's Docket No. 10559-754001 | Application No. 10/066,070 |
|-------------------------------------|---|------------------------------------|----------------------------|
| by Ap                               | elosure Statement plicant                                     | Applicant<br>Satyendra Yadav       |                            |
| (Llea saveral che                   | note if nordesanAPR 1 8 1000 ml                               |                                    |                            |

(37 CFR §1.98(b))

Filing Date
February 1, 2002

Filing Date
February 1, 2002

Filing Date
Filing Date
Class
Filing Date
Filing Date
Filing Date
Filing Date
Filing Date
Filing Date

|                  |              |                    | U.S. Pate           | nt Documents     |       |          |                            |
|------------------|--------------|--------------------|---------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig.<br>ID | Document<br>Number | Publication<br>Date | Patentee         | Class | Subclass | Filing Date If Appropriate |
|                  | AA           | 2001/0052012       | 12/2001             | Rinne et al.     |       |          |                            |
| ···              | AB           | 2002/0010771       | 01/2002             | Mandato          |       |          |                            |
|                  | AC           | 2002/0120853       | 08/2002             | Tyree            |       |          |                            |
|                  | AD           | 2002/0129278       | 09/2002             | Elgressy et al.  |       |          |                            |
|                  | AE           | 2002/0143911       | 10/2002             | Vicente et al.   |       |          |                            |
|                  | AF           | 2002/0143914       | 10/2002             | Cihula           |       |          |                            |
|                  | AG           | 2002/0194317       | 12/2002             | Kanada et al.    |       | •        |                            |
|                  | AH           | 2003/0126468       | 07/2003             | Markham          |       |          |                            |
|                  | AI           | 2003/0149888       | 08/2003             | Yadav            |       |          |                            |
|                  | AJ           | 2003/0204596       | 10/2003             | Yadav            |       |          |                            |
|                  | AK           | 6,219,706          | 04/2001             | Fan et al.       |       |          |                            |
|                  | · AL         | 6,301,668          | 10/2001             | Gleichauf et al. |       |          |                            |
|                  | AM           | 6,370,584          | 04/2002             | Bestavros et al. |       |          |                            |
|                  | AN           | 6,463,470          | 10/2002             | Mohaban et al.   |       |          |                            |
|                  | AO           | 6,466,984          | 10/2002             | Naveh et al.     |       |          |                            |
|                  | AP           | 6,496,483          | 12/2002             | Kung et al.      |       |          |                            |
|                  | AQ           | 6,501,752          | 12/2002             | Kung et al.      | ĺ     |          |                            |
|                  | AR           | 6,751,659          | 06/2004             | Fenger et al.    |       |          |                            |
|                  | AS           | 6,816,903          | 11/2004             | Rakoshitz et al. |       |          |                            |
|                  | AT           | 6,996,843          | 02/2006             | Moran            |       |          |                            |
|                  | AU           | 6,996,845          | 02/2006             | Hurst et al.     |       |          |                            |
|                  | AV           |                    |                     |                  |       |          |                            |

|          | Foreign Patent Documents or Published Foreign Patent Applications |             |             |               |       |          |       |         |
|----------|---|-------------|-------------|---------------|-------|----------|-------|---------|
| Examiner | Desig.  | Document    | Publication | Country or    |       |          | Trans | slation |
| Initial  | ID  | Number      | Date        | Patent Office | Class | Subclass | Yes   | No      |
|          | AW  | WO 00/34867 | 06/2000     | WIPO          |       |          |       |         |
|          | AX  | WO 01/17161 | 03/2001     | WIPO          |       |          |       |         |

| Examiner Signature  | Date Considered |  |  |  |  |  |
|---|-----------------|--|--|--|--|--|
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
|   |                 |  |  |  |  |  |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with |                 |  |  |  |  |  |
| next communication to applicant.  |                 |  |  |  |  |  |

| Substitute Form PTO-1449 (Modified) | U.S. Department of commerce<br>Patent and trademark Office | Attorney's Docket No. 10559-754001 | Application No. 10/066,070 |  |
|-------------------------------------|--|------------------------------------|----------------------------|--|
| Information Disc<br>by Ap           | closure Statement  | Applicant<br>Satyendra Yadav       |                            |  |
| (Use several sh                     | eets if necessary R 1 8 7006                               | Filing Date<br>February 1, 2002    | Group Art Unit<br>2135     |  |
|                                     | TRADE  |                                    |                            |  |

|          | Foreign Patent Documents or Published Foreign Patent Applications |             |             |               |       |          |     |        |
|----------|---|-------------|-------------|---------------|-------|----------|-----|--------|
| Examiner | Desig.  | Document    | Publication | Country or    | 01    | 0.1.1.   |     | lation |
| Initial  | ID  | Number      | Date        | Patent Office | Class | Subclass | Yes | No     |
|          | AY  | WO 01/37511 | 05/2001     | WIPO          |       |          |     |        |
|          | AZ  | WO 01/84270 | 11/2001     | WIPO          |       |          |     |        |
|          | AAA   |             |             |               |       |          |     |        |

| (        | Other Documents (include Author, Title, Date, and Place of Publication) |   |  |  |  |
|----------|---|---|--|--|--|
| Examiner | Desig.  |   |  |  |  |
| Initial  | ID  | Document  |  |  |  |
|          | ABB   | A. Ghanwani et al, "A Framework for Integrated Services Over Shared and Switched IEEE 802 LAN Technologies," Network Working Group, Request for Comments: 2816, May 2000.   |  |  |  |
|          | ACC   | Bibliographic data for US 2003/0126468 - patent family - Derwent database (2 sheets), 2005.   |  |  |  |
|          | ADD   | G. Huston, "Next Steps for the IP Qos Architecture," Network Working Group, Request for Comments: 2990, November 2000.  |  |  |  |
|          | AEE   | N. Freed, "Behavior of and Requirements for Internet Firewalls", Network Working Group, Request for Comments: 2979, October 2000.   |  |  |  |
|          | AFF   | Jerry T. Oney, "Intrusion Detection Systems, IDS", Lecture Materials, 'Online!, August 10, 2001, XP002248368; <a href="http://www.nvcc.edu/home/joney/Intrusion%20Detection.ppt">http://www.nvcc.edu/home/joney/Intrusion%20Detection.ppt</a> , pgs. 34-62.   |  |  |  |
| •        | AGG   | K, Nichols et al, "A Two-Bit Differentiated Services Architecture for the Internet," Network Working Group, Request for Comments: 2638, July 1999.  |  |  |  |
|          | АНН   | K. Nichols et al, "Definition of the Differentiated Services Field (DS Field) in the Ipv4 and Ipv6 Headers," Network Working Group, Request for Comments: 2474, December 1998.  |  |  |  |
|          | AII   | M. Seaman et al, "Integrated Service Mappings on IEEE 802 Networks," Network Working Group, Request for Comments: 2815, May 2000.   |  |  |  |
|          | AJJ   | Nokia, "Combining Network Intrusion Detection with Firewalls for Maximum Perimeter Protection", Nokia White Paper, 'Online!, April 2001, XP002248367; <a href="http://www.nwfusionpartners.com/nokia/preffered/media/Nokia%20WP%20IDS%20and%20Firewall.pdf">http://www.nwfusionpartners.com/nokia/preffered/media/Nokia%20WP%20IDS%20and%20Firewall.pdf</a> . |  |  |  |
|          | AKK   | R. Yavatkar et al, "A Framework for Policy-Based Admission Control," Network Working Group, Request for Comments: 2753, January 2000.   |  |  |  |
|          | ALL   | R. Yavatkar et al, "SBM (Subnet Bandwidth Manager): A Protocol for RSVP-based Admission Control over IEEE 802-style Networks," Network Working Group, Request for Comments: 2814, May 2000.   |  |  |  |
|          | AMM   | S. Blake et al, "An Architecture for Differentiated Services," Network Working Group, Request for Comments: 2475, December 1998.  |  |  |  |
|          | ANN   | S. Herzog, "Signaled Preemption Priority Policy Element," Network Working Group, Request for Comments: 2751, January 2000.  |  |  |  |
|          | A00   | Sean Boran, "Personal Firewalls Tests: Sygate", Internet Publication, 'Online!, April 23, 2001, XP-002248365; http://www.boran.com/security/sp/pf/p.  |  |  |  |
|          | APP   | Smith, James E., "A Study of Branch Prediction Strategies", IEEE, pp. 135-148 (1981).   |  |  |  |
|          | AQQ   | Stallings, William, <u>Intruders</u> , "Cryptography and Network Security-Principles and Practices", Upper Saddle River, NJ: Prentice Hall, pp. 580-581 (2003).   |  |  |  |

| Examiner Signature   | Date Considered  |
|--|--|
|  |  |
| EXAMINER: Initials citation considered. Draw line through citation if no | ot in conformance and not considered. Include copy of this form with |
| next communication to applicant.   |  |

| Substitute Form PTO-1449 (Modified)  | U.S. Department of Commerce<br>Patent and Mademark Office | Attorney's Docket No. 10559-754001 | Application No. 10/066,070 |
|--------------------------------------|---|------------------------------------|----------------------------|
|                                      | closure Statement pplicant                                | Applicant Satyendra Yadav          |                            |
| (Use several si<br>(37 CFR §1.98(b)) | Sign at S   | Filing Date<br>February 1, 2002    | Group Art Unit 2135        |
|                                      | OF TRADEMAN   |                                    |                            |

|                     | Other Documents (include Author, Title, Date, and Place of Publication) |   |  |  |  |
|---------------------|---|---|--|--|--|
| Examiner<br>Initial | Desig.<br>ID  | Document  |  |  |  |
|                     | ARR   | Sygate: "Sygate Personal Firewall Pro User Guide", Sygate User Manual, 'Online! 2001, XP002248366; http://smb/sygate.com/support/userguides/pspf/pspf42_userguide.pdf, pgs. 1-77. |  |  |  |
|                     | ASS   | Y. Bernet, "A Framework for Integrated Services Operation over Diffserv Networks," Network Working Group, Request for Comments: 2998, November 2000.                              |  |  |  |
|                     | ATT   |   |  |  |  |

| Examiner Signature   | Date Considered   |
|--|---|
|  |   |
|  |   |
| EXAMINER: Initials citation considered. Draw line through citation if no | t in conformance and not considered. Include copy of this form with |